

# WHITE LIGHT EMITTING ORGANIC ELECTROLUMINESCENT DEVICE AND METHOD FOR FABRICATING THE SAME

## ABSTRACT

5 The present invention discloses a white light emitting organic  
electroluminescent (EL) device and a method for fabricating the same. The  
device comprises: a substrate; an anode formed on the substrate; at least  
one hole transporting layer formed on the anode; at least one luminescent  
layer (DPVBi) formed on the hole transporting layer, wherein a first dopant  
(DCM<sub>2</sub>) is doped into the luminescent layer; at least one electron  
10 transporting layer formed on the luminescent layer, wherein a second  
dopant (C<sub>6</sub>) is doped into the electron transporting layer; and a cathode  
formed on the electron transporting layer; wherein a first light (red) is  
emitted by the first dopant, a second light (green) is emitted by the second  
dopant, and a third light (blue) is emitted by the luminescent layer when the  
15 device is applied with a bias voltage.